1645

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Tatsuo KAKIMOTO, et al.

Atty. Dkt.: Q65478

Appln. No. 09/918,508

Group Art Unit: 1645

Confirmation No.: 3296

Examiner: Unknown

Filed: August 1, 2001

For: ANALYSIS OF AGONIST-ACTIVITY AND ANTAGONIST-ACTIVITY TO CYTOKININ RECEPTOR

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. KAKIMOTO et al., "2SF4 Roles of histidine kinases in cytokinin signal transduction", *Biophysics The biophysical Society of Japan,* Vol. 40, Supplement 1, August 5, 2000, p. S111, with English translation and accompanying Declaration.

2. INOUE et al., "W1D3 A study on cytokinin signal transduction", *Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan,* December 2000, p. 259, with English translation and accompanying Declaration.

3. MACHIDA et al., "W1D-6 Plant cell growth controlled by the MAP kinase cascade mediated by NPK1 MAPKKK", *Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan,* December 2000, p. 259, with English translation and accompanying Declaration.

4. INOUE et al., "4PC-312 Mutation in the histidine kinase gene T23K3.2 causes cytokinin-insensitive phenotype", *Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan,* December 2000, p. 816, with English translation and accompanying Declaration.

5. HUGUCHI et al., "4PC-313 The product of the causal gene T23K3.2 for the cytokinin insensitive mutant functions as a cytokinin receptor in yeast," *Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan,* December 2000, p. 817, with English translation and accompanying Declaration.

6. KAKIMOTO et al., "Success In Isolating A Receptor Of Cytokinin Which Increases Plant Growth, Onto Developing Agrochemicals", *Nikkei Biotech*, March 12, 2001, p. 12, with English translation and accompanying Declaration.

7. INOUE et al., "Identification of CRE1 as a cytokinin receptor from *Arabidopsis*," *Nature*, Vol. 409, February 22, 2001, pp. 1060-1063.

8. UEGUCHI et al., "Novel Family of Sensor Histidine Kinase Genes in *Arabidopsis thaliana*", *Plant Cell Physiol.*, Vol. 42, No. 2, 2001, pp. 231-125.

9. SUZUKI et al., "The Arabidopsis Sensor His-kinase, AHK4, Can Respond to Cytokinins", *Plant Cell Physiol.*, Vol. 42, No. 2, 2001, pp. 107-113.

10. MAEDA et al., "A two-component system that regulates an osmosensing MAP kinase cascade in yeast", *Nature*, Vol. 369, May 19, 1994, pp. 242-245.

11. URAO et al., "A Transmembrane Hybrid-Type Histidine Kinase in Arabidopsis Functions as an Osmosensor", *The Plant Cell*, Vol. 11, September 1999, pp. 1743-1754.

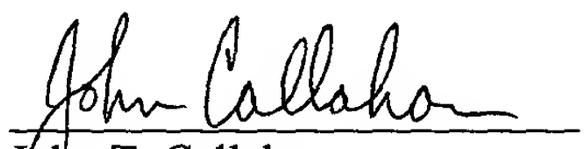
One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Complete English translations of foreign language documents are being submitted herewith, and therefore no concise explanation for such foreign language documents is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



John T. Callahan
Registration No. 32,607

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: November 5, 2001

Form PTO-1449 (Rev. 2-32) U.S. Department of Commerce Patent & Trademark Office	Atty. Docket No. Q65478	Serial No.: 09/918,508 Confirmation No.: 3296
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: Tatsuo KAKIMOTO, et al.	
	Filing Date: August 01, 2001	Group: 1645

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		KAKIMOTO et al., "2SF4 Roles of histidine kinases in cytokinin signal transduction", *Biophysics The biophysical Society of Japan,* Vol. 40, Supplement 1, August 5, 2000, p. S111, with English translation and accompanying Declaration
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		SUZUKI et al., "The Arabidopsis Sensor His-kinase, AHK4, Can Respond to Cytokinins", *Plant Cell Physiol.*, Vol. 42, No. 2, 2001, pp. 107-113.
		MAEDA et al., "A two-component system that regulates an osmosensing MAP kinase cascade in yeast", *Nature*, Vol. 369, May 19, 1994, pp. 242-245.
		URAO et al., "A Transmembrane Hybrid-Type Histidine Kinase in Arabidopsis Functions as an Osmosensor", *The Plant Cell*, Vol. 11, September 1999, pp. 1743-1754

EXAMINER:	DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.